Studying the Z Boson with the ATLAS Detector at the LHC 1 Q. Coc and P. Huth Abstract: The abstract should preferentially be in English. Here we explain in a few lines (i) what was done, and (ii) what the results were. Als besondere Auswertung testiert: Datum, Unterschrift: ¹Experiment FP94 perfomed the 4th Nov. 2024. Supervisor: Ruiz, Miguel